

an active filler having unsaturated bonds and carbon black in a specific ration to polychloroprene and useful as a sheath material.

CONSTITUTION: (A) 1-20 pts. wt. of an unsaturated bond-containing filler (e.g. magnesium methacrylate) and (B) 10-50 pts. wt. of carbon black having an average particle size of (less than)85(μ m) are added to (C) polychloroprene rubber composition containing (D) a vulcanizing agent, a vulcanization accelerator, a filler and an auxiliary to provide the objective composition.

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22. PRODUCTION OF WATER-ABSORBENT RESIN WITH EXCELLENT HEAT RESISTANCE

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APPLICANT(S)- MITSUBISHI PETROCHEM CO LTD

PUBLICATION COUNTRY- Japan

PURPOSE: To obtain the subject resin improved in the thermal stability in an aqueous gel state by polymerizing a specified polymerizable monomer mixture in an aqueous medium in the presence of a water-soluble divinyl monomer and a water-soluble radical polymerization initiator.

CONSTITUTION: A polymerizable monomer mixture, e.g. a mixture of sodium acrylate with magnesium acrylate , wherein at least 20% of the total carboxyl groups of the acrylic acid monomers are neutralized with alkali metal and magnesium salts and a molar ratio of the alkali metal salt to the magnesium salt is 1:9 to 9:1, is polymerized in an aqueous medium at 25-150 ($^{\circ}$)C in the presence of 0.01-5wt.% (based on the above mixture) of a water-soluble divinyl monomer, e.g. N,N-methylenebis(meth)acrylamide, and a water-soluble radical polymerization initiator, e.g. 2,2'-azobis(2-amidinopropane) dihydrochloride.

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23. ELASTOMER COMPOSITION

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